

MEETING NOTICE

This month's meeting will be held at
the Grace Presbyterian Church
2100 Tice Valley Blvd.,
Walnut Creek,
on February 20th at 8:00 P.M.

SPEAKER FOR THE EVENING:

Lee Hertzberg, K6DQL, will present a
talk and discussion entitled:

"CORROSION - EVERYBODY'S PROBLEM"

This is a subject that is important
and interesting to all hams; plan to
be on deck for the next meeting!

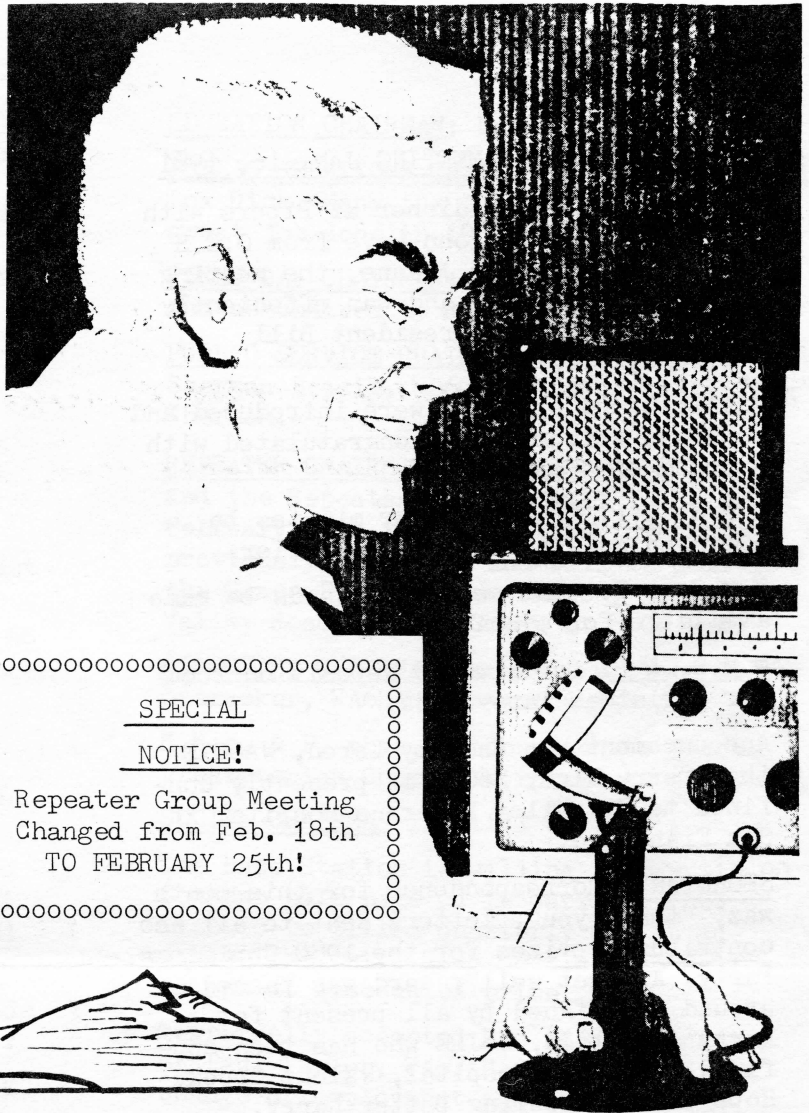
DON'T FORGET

The March 20th meeting will be our
MDARC AUCTION - Bring your goodies
and some cold cash; exchange unused
items for interesting different ones.

Northern California Emergency Net:
Sunday morning at 1000 on 3.920 MHz.

CIVIL DEFENSE

Emergency Frequency: 146.985



SPECIAL

NOTICE!

Repeater Group Meeting
Changed from Feb. 18th
TO FEBRUARY 25th!



the CARRIER.....

Published Monthly by the Mount Diablo Amateur Radio Club

MDARC FIELD DAY CALL W6CX; 2M REPEATER WR6AHK; 220 REPEATER WR6ARG; MEMORIAL CALL SIGN W6LGW

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Board Member.....	K6XC, Ron Luttringer	440 Diablo Court, Martinez, CA	94553 229-3987

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Next Board Meeting at: C.C County O.E.S. Building, 50 Glacier Dr., Martinez, Feb. 23, 8 P.M.

Deadline for the next issue: Articles, Classified Ads, etc. by February 28, 1981.

MINUTES OF MDARC MEETING JAN. 16, 1981

At 8:06 P.M. after dinner at Pipers with our guest speaker John Laye from O.E.S and his lovely wife Jeanne, the meeting was called to order and was effeciently handled by our new president Bill Leoppar, WB6NMU.

Visitors and upgrades were introduced and each was welcomed and congratulated with a round of applause.

M.M.S. & P. that November minutes be approved as written in the Carrier.

M.M.S. & P. that necessary funds be made available for education.

M.M.S. & P. for \$100.00 deposit on room for Christmas Party 1981.

Announcement was made by Loren, WA6CIE that Terry Ulch, N6CFH is presently confined to Ft. Miley Veterans Hospital in San Francisco.

SECRETARY: Correspondence for this month was, "thank you", letters sent to all who contributed prizes for the 1980 Christmas Party. A, "get well", card was passed around and signed by all present for Larry Archibald, W6JLE who has been confined to Kaiser Hospital, Walnut Creek. Hope you are feeling better Larry.

VICE-PRESIDENT: Paul Taylor, WA6TXM announced that our speaker for the February meeting will be Lee Hertzberg, K6DQL; subject: "Corrosion - Everybody's Problem"

TREASURER: Dick Brown, KT6X (note new call, formerly WA6YXY) said that we have \$561.67 in savings, \$645.27 in checking for a total of \$1206.00. Budget is in good shape.

EMERGENCY COORDINATOR: Dave Greenhill, WA6OFI reports all O.K. The world's not shaking. Hi!

PUBLIC SERVICE CHAIRMAN: Still needed; any volunteers?

AWARDS CHAIRMAN: Doug Smith, WA6GON passed out, "Certificates of Appreciation", to those who were not present at Christmas Party.

DOOR PRIZE CHAIRMAN: Joe Gregory, WA6DQN said all is going well but would like input as to whether we would like more less expensive prizes or fewer more expensive prizes.

DIRECTORY CHAIRMAN: Is needed and tnx to Dick Webster, WA6OJT who did a great job last year. It's all computerized and on cards, so it's just a matter of listing cards.

CARRIER EDITOR: With his usual wit said, "Read it in the Carrier". Very good Clay!

EDUCATION CHAIRMAN: Chuck Grant, KB6UY reported that 13 people passed the code test last year. 12 have passed the written test with 1 still waiting. 1981 Radio Classes will begin January 20th at 7 P.M. at College Park High School in the H-wing. Chuck Grant will teach Novice Theory, Jack Gott, WA6KGI and Dee Koester, KA6 AOC will help with Novice Code. Bill Van Voorhis, WA6ZFZ will again be teaching his, "Bone-head", theory and the 7 to 10 WPM code class. Rick, KB6TP will teach General Theory and Jay Caldis, KT6Y (congratulations on the upgrade) will again teach 13 WPM code. Help needed to assist new Hams! Ad for the Radio Class in the Contra Costa Times at a reduced rate, thanks to Art Mayhoff, VE2AQV/W6.

FIELD DAY CHAIRMAN: Is again Don Doughty, W6EEN with Ron Luttringer, K6XC as the co-chairman. Watch out first place, here we come!

MEMBERSHIP CHAIRMAN: Warren Peterson, WB6AEG reported that we now have 147 members and if anyone wishes to join, come see him at the, "lunch break". (Oh well Warren, must have been a long day, Hi). The 1980 Call Book was auctioned off and guess who bought it? You guessed it, Dick, KA6JGP!

PUBLIC RELATIONS AND SOCIAL CHAIRMAN: Still needed!

T.V.I. CHAIRMAN: Joe Deas, K6VLH will continue as chairman this year but would like a co-chairman. Parky, K6IMV who was not present because of illness, was volunteered by a large majority. Hope you are feeling better Parky.

AUCTION CHAIRMAN: Peter, K06R assures us there will be an auction and volunteers are needed for the evening. Bruce Pincus, WB6KNU offered his help as did Leon David, W6QFA..Also announced, was a Novice Net that meets on Sunday mornings at 7:30 A.M. on 3710 and are looking for people to check in.

Dick Brown reminded us all to renew our QST memberships through the club, giving MDARC \$1.50 profit for each renewal. That goes for first time memberships too!

Adjournment for coffee was at 8:45

Dwayne Eskridge, W6LKE introduced our guest speaker for the evening, John Laye, who gave us a very interesting and enlightening talk on emergency preparedness.

Meeting adjourned at 10:03 P.M.

Respectfully submitted,

Dee Koester, KA6AOC, Secretary

MINUTES OF MDARC BOARD MEETING OF 1/19/81

QTH: The Koester residence. (With special tnx to my husband for allowing us to invade his peace and quiet on very short notice).

The meeting was called to order at 8:49 P.M. by our president Bill Leopold, WB6NMU. Board members present were Dave, WA6OFI, Ron, K6XC, Paul, WA6TXM, Dee, KA6AOC, Dick, KT6X and Doug, WA6GON. Members present were Parky, K6IMV, Steve, WA6HAM, Joe, WA6DQN, Dick, KA6JGP and Fred, WA6JLF.

M.M.S. & P. that minutes for the December meeting be approved as printed in Carrier.

M.M.S. & P. that \$15.00 instead of \$25.00 be allotted for memorial fund.

Washington's Birthday Breakfast so far has only 6 reservations in. February 12 is the deadline for reservations.

M.M.S. & P. that \$3.15 in check be given to Joe Gregory for name tags.

CARRIER: Suggestion made that Carrier Ed be invited to board meetings.

Membership certificates to be mailed with Carrier as size and weight permit.

MMS & P - Donation to church be raised to \$110.00 - requires Membership action

EDUCATION CHAIRMAN: Not present.

PUBLIC RELATIONS CHAIRMAN is Dick Squires. Tnx Dick. Many tnx to Ron Luttringer for great job done in 1980.

FIELD DAY CHAIRMAN: Don Doughty, W6EEN and co-chaired by Ron Luttringer, K6XC.

PUBLIC SERVICE CHAIRMAN: Still needed but Sherman Brazil, WB6GUX will co-chair. Tnx Sherman.

REPEATER CHAIRMAN is Cecil Heden, KA6HLY and the Repeater Meeting will be held on February 25th instead of the 18th as was previously scheduled and will be held at the Grace Presbyterian Church, 2100 Tice Valley Road, Walnut Creek at 8:00 P.M.

DIRECTORY CHAIRMAN for 1981 will be Steve Overacker, WA6HAM. Many tnx Steve.

M.M.S. & P. that the donation to Grace Presbyterian Church be raised to \$110.00.

SOCIAL CHAIRMAN is still needed.

The Base Station is willing to pay \$15.00 for one half page ad in Carrier. They wish to be billed quarterly and in advance. They will also continue to sell prizes at discounted price.

Regretfully accepted was the resignation of Paul Taylor, WA6TXM as of 1/31/81. A change of employment makes his resignation necessary. He will be missed by all. Best wishes to you and your family Paul in your new location.

TREASURER'S REPORT of 152 members with \$1733.00 in checking and savings accounts.

M.M.S. & P. that the meeting be adjourned at 10:17 P.M.

Respectfully submitted,

Dee Koester, KA6AOC, Secretary

ORIGINAL APOTHEGM
(by someone)

They say one good turn deserves another, but not necessarily in the field of radio!

WD6GDG

The President's Corner....

Despite my nervousness and knocking knees, similar to the body reactions experienced by new Novices making their first solo contact, I enjoyed presiding over the January club meeting. There is nothing quite like the sense of power that comes with wielding a gavel.

Too soon to announce, but bad news too has to be told. The club is going to be losing the abilities and services of a well liked member. Paul Taylor, WA6TXM will be moving up to the State of Washington. I hope you know Paul, that you will be missed. Set up your station as soon as possible and we'll QSO on the air.

We are still looking for a chairman for the Public Service Committee. Any interested person should contact Dave Greenhill for a job description. This would be a great way for any new person to become involved in club activities.

I'd like to conclude this article by reminding all members of what has been written in our club's preamble:

PREAMBLE: The object and purpose of the Mt. Diablo Amateur Radio Club is to further the interests of Amateur Radio and all those interested therein, to be of service to our community and country in times of need, to provide fellowship among our members, and to promote harmony with all in our community.

73, Bill, WA6NMU

***** C L A S S I F I E D *****

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For Oscar Use:

Ameco TX-62 Transmitter....\$30.

ALSO

Advanced Receiver Research brand
2M Converter - Input 2M Output 10M.... \$25.

Vern, K6UGS (Contact him on 147.66/06)

HR Report...

K6EOA was sentenced to three years felony probation and fined \$500.00 for his threats against FCC engineers who were investigating jamming charges against him in 1979 (HRR 272, 274). The sentence was handed down last week in the Superior Court In and For the County of Los Angeles and his probation will hinge on the condition that he does not use any of his Amateur equipment during the probation period and that he does not threaten, call or harass either FCC officials or certain specified area Amateurs during his three years on probation.

He will also be required to obtain psychiatric treatment from a qualified M.D. at least once a week and must obey all instructions from his probation officer and all other laws during his probation. Failure to comply with any of these conditions could put him into prison for the balance of the three years. The judge said the provision that he not use his Amateur equipment was an appropriate one in this case, since Munson had used his Amateur station in committing the crime (the threats) for which he was being sentenced.

K6EOA will be facing the FCC for a license suspension hearing this week. He was scheduled to appear on Thursday in the Los Angeles County Courthouse for a conference and hearing on why his Technician class license should not be suspended for jamming, refusal to cooperate with FCC investigators and threats against their safety.

Amateurs living near airports will shortly be facing changes in licensing procedures. Under the present rules, Amateurs living near airports must note so on their applications and submit a Form 714 to Gettysburg when renewing or modifying their licenses. Under the new procedure, which was agreed to by the Commissioners Tuesday and becomes effective as soon as appropriate forms can be prepared and distributed, those Amateurs will have to submit detailed antenna information direct to the FCC Antenna Survey Branch for consideration and approval.

ATTENTION ARES PARTICIPANTS

Are You a Card Carrying Red Cross Volunteer??

One of the jobs as Red Cross Liaison is to sign-up every ARES/RACES ham as a card carrying Red Cross Volunteer.

Signing up has a direct benefit if you participate in a Red Cross related activity. The volunteer is eligible for Workmans' Compensation Insurance, if injured in such related activity.

Should a disaster occur, operators assisting Red Cross workers will be pulled from the ARES operators pool and assigned by the EC. Most operators can be signed up at the time of the disaster but doing so ahead of time can significantly speed things up.

Please contact me if you do not have a Red Cross ID card. This is a continual process so there is no deadline.

Doug Smith, WA6GON, 1369 Tree Garden Place, Concord, CA 94519

NEW TWO METER NET

"from the Blown Fuse, EBARC, Richmond"

"In order to facilitate communications during future real emergencies VHF nets are to be established in West Contra Costa County and in Northern Alameda County. These new nets will be held on Thursday evenings so that interties with other ARES/RACES groups having net operations the same evening can be made. Check-ins on the new nets will start January 15th and continue on a weekly basis after that date.

The initial goal is simply to see how well we can communicate on simplex in the area of our primary emergency responsibilities...and to see if operations on this side of the hills interfere with any simplex operations in Central and East CoCo County". (East and Central County) will be operating on 146.43 MHz beginning 8:30 PM Thursdays. At 8:45 PM on January 15th several of (West County) stations located at higher elevations made an attempt to have direct contact with East or Central County, or both, on 146.43 MHz.

The (West County) net will begin January 15th at 8:30 PM on 146.58 MHz.

MDARC ARES/RACES FOLKS JOIN IN

C.C. County RACES Gets Publicity!!!!!!!!!!!!

RACES ALERTED AFTER EXPLOSION

Reprinted from the Blown Fuse, East Bay ARC and Worldradio

A limited status standby alert was put into effect Wednesday night, 5 November, following a major explosion at an industrial plant in Richmond, California.

Due to the conflicting reports released by Bay Area electronics media concerning release of toxic fumes by the explosion site, a standby alert was put into effect. The 4C's repeater was placed on emergency status with George Gabriel, WA6KQB, acting as net control.

Within minutes after activating that repeater two meter communications were established with every adjacent county in the North Bay Area and a large number of mobile rigs were made ready to roll. Fortunately, we were not needed. But the speed with which the alert was placed into effect reflects very well indeed on EBARC members who took part and on the readiness of the 4C's club to respond quickly and efficiently in an emergency. WA6KQB did a superb job as Net Control.

By 11:00 PM that evening, the alerted amateurs were released from standby duty after it was confirmed that no danger from toxic fumes existed.

Both the SET and the more recent standby alert were coordinated by Dave Tyler, N6DRT, who worked in collaboration with Dwayne Eskridge, W6LKE, the ARRL DEC for Contra Costa County.

January 1981 Worldradio, Pg 17

DAVE TYLER ACCEPTS NEW POST

Dave Tyler, West County ARRL EC accepted the will of the voters in the last East Bay Radio Club election and has assumed the post of club President. Those of you who have met Dave know him to be a hard worker and a great asset to ARES and RACES. Our hearty congratulations to Dave!

Dave recently received his Tech ticket and call sign N6DRT and can be heard on the 4C's repeater on 145.11 MHz.

THE BASE STATION

The New AZDEN PCS-3000 2M Transceiver now w/8 memories & lighted push buttons. With FREE TTP mic & FREE PL. Many new features. Now AVAILABLE..... \$339.95

DENTRON RT-3000 DeLuxe 3KW Rotary Inductor Tuner..... \$299.95

KENWOOD TS-130S 12V. Xcvr with new bands \$759.95

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S5 w/TTP \$349.00, S2 w/TTP \$399.95. Taking orders for TEMPO S-4 440 Synthesized.
KENWOOD TR-2400...\$399.95

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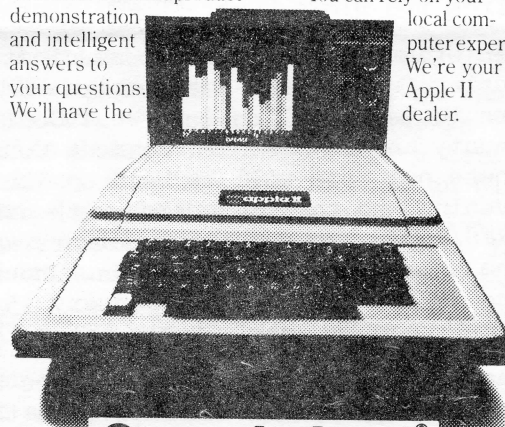
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See Russ-KA6BPN

HELPFUL HINTS

Try a slingshot to get that antenna wire over a tall tree or whatever. They can often be obtained thru the K-Mart sporting goods department.....

To lubricate crank-up towers, a liberal coating of a good grade of motorcycle chain lube on the working mechanisms such as cables, pulleys and winch, etc. usually does wonders. This lubricant seems to resist extreme weather conditions. When the tower is down, spray all moving surfaces. When cranking up the tower, spray the cable as it winds onto the winch.....

Tnx Rags Review for January!

A letter from
THE AMERICAN RADIO RELAY LEAGUE, INC.

Dear Members:

The problem of malicious interference has reached serious proportions. Indeed, in the March 1980 QST editorial, W1RU referred to it as a crisis -- and a crisis cannot be ignored. The ARRL Board of Directors has recently established an Interference Task Force for the purpose of initiating an ongoing program of assistance to local interference committees, clubs, or individuals. This task force shall:

- 1) coordinate an educational program to include appropriate articles in QST and in Club and Training publications,
- 2) provide a reference manual and guidelines for interference committee operating procedures and
- 3) provide liaison at the national level for those cases to be referred to the Federal Communications Commission for their handling.

In the March 1980 QST editorial we solicited input from the membership and received hundreds of letters in response. One thing we learned from those letters is that some clubs or groups have already established local interference committees to help combat malicious interference. Since it is not our intention to reinvent the wheel, but to build on the good work that has gone before, we are writing all ARRL affiliated clubs to learn whatever information we can on interferences committees that already exist. We ask that you answer the following questions:

1) Does your club have an organized procedure to deal with interference cases that come to your attention? We are speaking here of amateur-to-amateur interference, not RFI.

2) Do you have any formal guidelines or procedures (such as a procedural manual) for the above? May we have a copy?

3) If you do not have an organized system for handling interference cases, would you be interested in establishing one, given procedural guidance from the Interference Task Force?

We intend to build a data file of present and future local interference committees to facilitate the exchange of information. The membership of these committees will be kept confidential.

Thank you in advance for your response to this letter.

Sincerely,

Hal Steinman, K1FHN
For the
Interference Task Force

NOTICE OF APPRECIATION

We wish to thank Kenn Alexanderson, K6RPY of Concord, who is not a club member but has contributed a pair of brand new Eimac 3-400Z's with sockets and chimneys (and manual) to the club. These are high-power tubes useful to anyone building an HF linear amplifier. They will be auctioned at our March meeting and the proceeds will go to the club.

Paul, WA6TXM

FOUND!!

I have found a mans' leather wallet at the last club meeting containing seven \$100.00 bills. Unfortunately, there is no drivers license or other means of identification.

If the rightful owner can identify his property by giving me the serial numbers on the bills, I will be happy to return the wallet, less the cost of this ad.

Clay, WD6GDC

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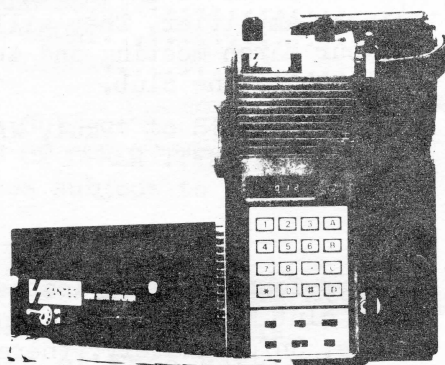
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News from down south
THE SOUTHERN CHAPTER

By Jerry, WA6CUP

I know!, I know! I promised you another feature on a southern chapter member in this month's column. All I can say is I can't write about members unless they give me some background information. So features on N6CKT, N6CIJ or WA6TFS will have to await their input.

I thought I'd take a little different approach in this month's column and talk about some DX activity of recent weeks. I've seldom seen information on DX in the Carrier, but I'm sure that there are many in the club who enjoy this particular aspect of our hobby.

As many are aware, 10 meters is now on the, "down", side of the cycle. Unfortunately many hams have reached the premature conclusion that 10 meters has folded up and gone away for the next five years. Not true! Ten meters is still alive and well, though not quite as hot as it was twelve to eighteen months ago. To whet your appetite here's a sample of recent, "finds", on the 10 meter phone band, primarily between 28.500 & 28.650 MHz during the hours of 7 A.M. and 12 noon:

9G1RT	GHANA
7X2LS	ALGERIA
FMØFJD	MARTINIQUE
HA8KZB	HUNGARY
HV3SJ	VATICAN CITY
A22ED	BOTSWANA
N2KK/ST2	SUDAN
J2ØAA/A	ABU ALI
ZE4JS	ZIMBABWE
GJ2LU	JERSEY
EA6DL	BALEARIC ISLES
9H4L	GOZO ISLAND
9J2BO	ZAMBIA
CN8MC	MOROCCO
ISØVMB	SARDINIA
UR2QA	ESTONIA (USSR)
PYØZDX	FERNANDO DE NORONHA
ZB2GK	GIBRALTAR
TU2HW	IVORY COAST
SB4HF	CYPRUS

Well, there's 20% of a DXCC Award in the past few weeks, just on 10 meters in the morning hours. And, there's much, much

more with most of Europe, Central and South America, the Caribbean, Africa and Oceania workable daily. Many solid QSO's between W6-land and the rest of the world are being enjoyed using low power and non-exotic antennas. As one example, a station in England, running 3 watts output into a dipole was a steady 5-9 into California on a recent morning. So, for those who've never worked DX or for those who've been away from this aspect of the hobby for awhile, you might give DXing a try.

By the way, it's getting so you can work DX on 75 meters at night by just checking into the Parky net. Skip has been, "out", so far recently that while the southern chapter members are having trouble hearing those in the east bay area the east coast and western europe are pretty good copy on 75 meters at about 0600 hours UTC.

Well, I hope you enjoyed the change of pace in this month's column and from time to time we'll depart from our usual format & explore some other aspects of southern chapter activities. See you all next month.

73, Jerry, WA6CUP

LETTER TO THE EDITOR:

Pittsburg, CA
Jan. 13, 1981

Editor
The Carrier
P.O. Box 23222
Pleasant Hill, CA 94523

Dear Clay:

In re the excerpt from LERC ARCB on Pg 9 of the Jan. Carrier:

I'm sure others of more wireless telegraphy experience (mine is subminimal!) will comment or at least remember, that, "CW", in earlier days was more correctly referred to as, "ICW", Interrupted Continuous Wave telegraphy.

The, "I", has been lost, as the verb, "to lend". Purists do take note of changes in language.

Sincerely,

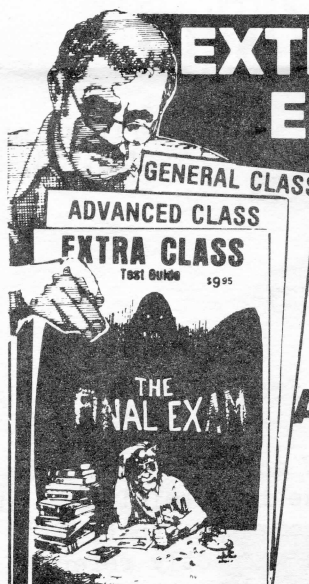
George K. O'Hara, Jr.,
K6SAS

D A N G E R - Beryllium Oxide

Transistors in some transmitter power amplifiers are encapsulated in a ceramic called beryllium oxide. No danger danger can arise from normal handling of this material in its solid form but it is extremely toxic if pulverized and the dust is inhaled. The amount of beryllium oxide which can cause death or chronic disease is incredibly small...only 50 micrograms per cubic meter.

Never, under any circumstances, attempt to drill, file, grind, polish, cut, break, etch or otherwise modify a piece of this ceramic. Do not discard these transistors in waste, which, through compacting or other processing, might cause fracture or abrasion.

From Ground Waves via Rags Review



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***** C L A S S I F I E D *****

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CUBIC ST-3B Antenna Tuner-200 Watts \$100.00

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200-2000 Watts \$90.00

SHURE Model 526T Series II Transistorized
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HENRY S-30 Two Meter Amplifier
1-5 Watts in, 30-35 Watts

HENRY S-30 Two Meter Amplifier,
1-5 Watts in, 30-35 Watts out \$45.00

YAESU FT-207R Synthesized 2 Meter H.T.
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All equipment in, "Almost New", condition.

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***** C L A S S I F I E D *****

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!!! S T O L E N !!!

YAESU FT-7 Serial number 8F060246, wired
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R E W A R D

Gary Dietz, WA6SJR (415) 689-0409

LETTER TO THE EDITOR:

Editor
The Carrier
P.O. Box 23222
Pleasant Hill, Calif. 94523

Dear Sir:

I may be entirely wrong and if I am I
certainly apologize but it is my under-
standing that many months ago the club
voted, that a substantial amount of money
be allocated for the purchase of a new
repeater receiver and transmitter. It is
also my understanding that the purchase
was made and that nobody knows where the
equipment is now located.

If the above is true, would it be within
the club's budget to hire a private det-
ective to locate the missing items and
also to pay some members of another club
who might have the technical knowledge
to assemble the equipment and install it
on the repeater site so it would be in a
functional condition?

I can't remember how long it has been
that the club has been without its 2M
repeater, WR6AHK but I believe it has
been long enough.

Signed: Anonymous
(for obvious reasons)

From:
Mt. Diablo Amateur Radio Club, Inc.
P.O. Box 23222
Pleasant Hill, Calif. 94523

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Affiliated with the American Red Cross
Member: Amateur Radio News Service



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